


Neuro-Ophthalmology Virtual Education Library: NOVEL NANOS 2010

Nancy Lombardo, MLS
 Spencer S. Eccles Health Sciences Library, University of Utah

Kathleen Digre, MD
 Moran Eye Center, University of Utah

Larry Frohman, MD
 New Jersey Medical School

<http://NOVEL.utah.edu/>



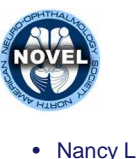

The Neuro-Ophthalmology Virtual Education Library

A discipline specific, open access repository of digital materials (images, video, lectures, articles and animations), to be used for educational and research purposes by health care professionals, educators, patients, and students.

Collections


	AAO/NANOS		Cogan, David G.
	Baroff, Robert B.		Hoyt, William F.
	J Neuro-Ophthalm		Kardon, Randy
	Kennerdell, John S.		Loewenfeld, Irene
	Moran Eye Center		NANOS Annual Meeting
	NANOS Historical Collection		Newman-Toker, D.
	Sarkis, Alfredo A.		Smith, J Lawton
	Walsh Sessions		Wilhelm, Helmut
	Wray, Shirley H.		

NOVEL URL - <http://NOVEL.utah.edu>



NOVEL Staff

- Nancy Lombardo, Project Director
- Ray Balhorn, Video Compressionist, Web Designer
- Stephen Mossbarger, Web Developer, Programmer
- Justin Barbour, Web, Database, Metadata, Graphics
- Mike Thelin, Metadata Cataloger
- Maggie Dwenger, Scanning Technician, Metadata Entry
- Part Time Staff Assistants, as needed



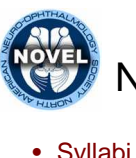
JNO Archives

- **Journal of Clinical Neuro-Ophthalmology**
 - NOW Online! - 1981 – 1993, vol 1 – 13
 - All issues scanned, OCR, indexed, uploaded
- **Complete collection of JNO available**
 - 1994 – 2009, vol 14 – 29 online JOURNAL OF Clinical Neuro-ophthalmology
- **New issues added quarterly (1 year embargo)**
- <http://NOVEL.utah.edu/jno>

VOLUME 1, NUMBER 1, MARCH 1981



Contents


From the Editor	1	FEATURES	
J. LAWTON SMITH, MD		Stellate Block for Trigeminal Zoster	55
Pre-20th-Century-Style Dissection	5	E. BELL CHANG and D. BERRY PIV	
JAMES M. MITCHELL, J. LAWTON SMITH, and ROBERT M. QUINN		Neuroanatomical Clinical Pathological Correlations: Unilateral Sixth Nerve Palsy	57
Fluorescein Angiography of Ophthalmic Shunt Vessels	9	Editorial: Myasthenia Gravis: Acetylcholine Receptor Antibodies and	
NORMAN W. BENSCHETTEL, J. LAWTON SMITH,			



NANOS Annual Meeting

- Syllabi being indexed and added
- 2010, 2009 online: <http://NOVEL.utah.edu/collection/NAM>
 - 310 abstracts searchable, now
- 2000 – 2008 coming soon!
 - Thanks to Stephen Mossbarger and Justin Barbour



NOVEL Collections

- **NANOS Historical Collection – 15 objects**
 - Added the Legacy Posters from NANOS 2010
 - Indexed and searchable
 - Can develop further with photographs, records, etc
 - <http://NOVEL.utah.edu/>

Showing item(s) in [ENGL] - NANOS Annual Meeting Collection

results 1-15 of 15 item(s)

clear all & add to favorites

#	Images	Title
1		Charles Miller Fisher, MD: Master of Clinicopathologic Correlation
2		Dartmouth Eye Institute



NOVEL Collections

David Newman-Toker

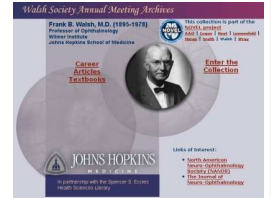
- Johns Hopkins University
- Ocular motility test video
 - Horizontal Head Impulse Test
 - Dix-Hallpike Maneuver
 - Penlight-Cover Test
 - Vestibulo-Ocular Reflex (VOR) Cancellation
 - Central Lesion with Direction-Changing Nystagmus
 - Peripheral Lesion with Direction-Fixed Nystagmus
- 5 lectures
- 1 animation
- <http://NOVEL.utah.edu/Newman-Toker>



NOVEL Collections

Walsh Society Meetings – 1536 objects

- Added 651 abstracts for 1969-1984, 2009
- 2005 - 2009 - PPT, abstracts, PPT, video
- 1969 -2004 - abstracts
- Seeking missing year: 1976
- <http://NOVEL.utah.edu/Walsh>



NOVEL Collections

Shirley H. Wray, MD, PhD

- Presented in China, Sept 2010
- Completed the collection last year – 161 cases
- 73 teaching PPT (Downloaded 2352 times in Dec 2010!)
- Metadata updated
- Complete case reports
- Searching of collection
- <http://NOVEL.utah.edu/Wray>



NOVEL Collections

Mobile access to multimedia in progress!

- <http://NOVEL.utah.edu/mobile>
- Thanks to Ray Balhorn!

Collection Improvements

- Revised Creator/Contributor fields
 - Library of Congress Name Authority File
 - Moran Eye Center - 99 records
 - Hoyt Collection – 857 records
 - Wray Collection – 161 records

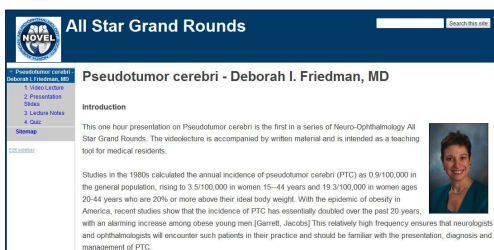


NOVEL Mobile



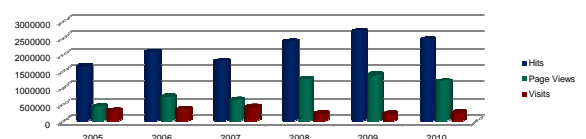
All Star Grand Rounds

- Web based prototype – very draft
- <https://sites.google.com/site/allstargrandrounds/>



NOVEL Web Site Usage

NOVEL Web	2005	2006	2007	2008*	2009	2010
Hits	1,640,958	2,072,613	1,785,154	2,357,067	2,720,000	2,454,338
Page Views	422,915	731,571	639,614	1,236,651	1,390,283	1,196,461
Visits	305,309	341,047	406,878	207,332	199,974	231,041



*Web site redesigned, changed organizational structure, impacted usage stats



Video Formats

- RealMedia streaming formats eliminated
- Flash and iPod formats added during 2010
- Completed conversion to “visual display”

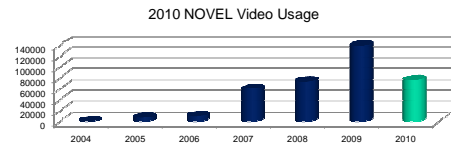
946-1 Progressive External Ophthalmoplegia large

- Thanks to Ray Balhorn!
- Move to centralized server meant loss of consistent statistical analysis
 - New stats not evaluating same data
 - No continuity, not comparable



Video Usage Statistics 2004 - 2010

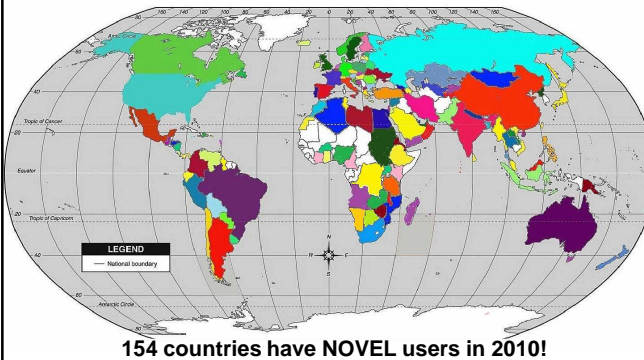
Video Usage	2004	2005	2006	2007	2008	2009	2010*
Number of Clips Accessed	9,463	8,956	14,365	62,420	75,296	139,117	76,725*



* Video assets moved to new server in 2009. Changed clip formats. Statistical analysis completely different.



International Visits Global Reach



Web Usage Statistics International 2010

154 Countries		195,808 Visits		90,807 unique visitors	
United States	167,796	Portugal	238	RS	38
Russian Fed	3,510	Hong Kong	231	Kuwait	37
Australia	2,670	Ireland	217	Ethiopia	32
Canada	2,330	Finland	200	Bulgaria	32
Japan	1,639	Arab Emirates, United	179	Iceland	31
Switzerland	1,502	Poland	171	Dominican Republic	29
Germany	908	Czech Republic	146	Slovenia	28
Singapore	908	Denmark	144	Latvia	26
United Kingdom	813	Iran	129	Peru	25
Korea (South)	758	Egypt	125	Lebanon	22
Spain	734	Norway	123	Trinidad and Tobago	21
Sweden	734	Argentina	93	Myanmar	21
United Kingdom	726	Hungary	90	Guatemala	20
India	606	Indonesia	88	Sri Lanka	19
Netherlands	545	Austria	88	Estonia	17
Israel	530	Colombia	84	Bahrain	16
Italy	503	Ukraine	84	Antigua and Barbuda	16
Saudi Arabia	336	Brunei Darussalam	74	Yemen	16
Taiwan	308	Dominica	72	Yugoslavia	14
France	302	Romania	66	Costa Rica	13
South Africa	293	Croatia (Hrvatska)	61	Libya	12
Brazil	286	Pakistan	56	Kenya	12
Turkey	275	Jordan	58	Malta	12
Thailand	268	Chile	57	Cuba	10
Malaysia	263	Philippines	49	Venezuela	10
Greece	263	Ghana	44	Georgia	10
Belgium	251	Lithuania	42	Viet Nam	9
Mexico	248	Syria	40	Monroco	9
New Zealand	240	Nepal	40	Cyprus	8
		Slovak Republic	39	Uruguay	8
		Russia (incl. Chechnya)	38	Moldova	8
				Oman	7
				Niue	7
				Antilles, Netherlands	7
				Ecuador	7
				Bangladesh	6
				Bermuda	6
				Luxembourg	5
				Guyana	5
				Tanzania	5
				Nigeria	4
				Tunisia	4
				Azerbaijan	4
				Togo	4
				Armenia	4
				Belarus	4
				Macedonia	3
				Swaziland	3
				Bosnia and Herzegovina	3
				Macao	3
				St. Kitts and Nevis	3
				Paraguay	3
				Algeria	3
				El Salvador	3
				Zimbabwe	3
				Andorra	2
				Zambia	2
				Nicaragua	2
				Barbados	2
				Mauritius	2
				GAM	2
				St. Helena	2
				Mongolia	2
				Liechtenstein	2
				Samoa	2
				Bolivia	2
				French Polynesia	2
				Cayman Islands	2
				Panama	2
				Grenada	2
				Honduras	1
				Bhutan	1
				Jamaica	1
				Burkina Faso	1
				PS	1
				Sudan	1
				Congo	1
				Angola	1
				Micronesia	1
				Faroe Islands	1
				Ivory Coast	1
				Botswana	1
				Gibraltar	1
				Entrea	1
				Guadeloupe	1
				Papua New Guinea	1
				Guam	1
				Cameroon	1
				Uganda	1
				Bahamas	1
				Madagascar	1



Questions



Nancy Lombardo
Information Technology Librarian
Eccles Health Sciences Library
University of Utah
nancy.lombardo@utah.edu